

PremiCote 900

HIGH PERFORMANCE EPOXY COATING

DESCRIPTION

PremiCote 900 is a two-component solvent based self priming epoxy coating. This product forms a tough chemical resistant surface with outstanding physical and corrosion properties. PremiCote 900 is also CFIA (Canadian Food Inspection Agency) listed for indirect food contact.

PSP 900 can be used for a wide variety of projects that require a tough durable surface or as a primer for PSP top coats. **PSP 900** is supplied in a convenient 1:1 ratio for easy application. Consult PSP for specific application recommendations.

RECOMMENDED USES

Carbon Steel surfaces
Concrete Protection
Wood Protection
Primer or Standalone Coating

ORDERING INFORMATION

2 Gallon Kits
10 Gallon Kits
Standard Colour is Stark White
Colours available on request

FREIGHT CLASSIFICATION

Class 3, UN 1263, Packing Group II

TYPICAL WET PROPERTIES

Solids - by Weight	77%
- by Volume	63%
Cure schedule @ 75°F - to touch	2 hours
- to handle	10 hours
- immersion	7 days
Pot life @ 75°F	8 hours
@ 100°	3 hours

COVERAGE (per US Gallon)

	STEEL	WOOD	CONCRETE
As a primer	400 ft ² (2.5 dft)	250 ft ² . (4.0 dft)	200 ft ² (5.0 dft)
As a coating 17 dft thickness recommended	60 ft ² . (17 dft)	60 ft ² (17 dft)	60 ft ² (17 dft)

DFT (Dry Film Thickness) required will vary depending on substrate condition and type of service the project involves. Allow extra for waste to the above coverage chart. Contact PSP for thickness requirements.

Technical Data Sheet

FEATURES

Ease of Handling: PSP 900 is easily applied by brush, roller or airless spray equipment capable of 3000 psi output.

Durable Finish: PSP 900 exhibits excellent abrasion resistance which will provide a tough long lasting durable surface needed for most maintenance applications. Resists pressure washers and cleaning detergents.

Superb Chemical Resistance: This self priming epoxy system provides excellent corrosion and chemical resistance.

PHYSICAL PROPERTIES OF CURED MATERIALS

PROPERTY	ASTM TEST	VALUE
Water Absorption	D 570	0.10%
Gloss	60 H	5-10
Compressive Strength	C 569	80 mpa
Hardness	D 2240	82 Shore D
Abrasion Resistance CS-17@ 1000 revs	D 1044	.07 grams
Substrate Temperatures during application	-Minimum -Maximum	50°F (10°C) 125°F (51°C)
Temperature Resistance	Continuous Intermittent	250°F (121°C) 275°F (135°C)
Recoat Window	Minimum Maximum	dry to touch 72 hours

APPLICATION DETAILS

- Stir individual components thoroughly.
- Mix together, equal volumes of A & B for a minimum of 5 minutes with a high shear mixer
- Mixed product may be thinned with a maximum of 5% xylene
- Allow mixed material to stand for 20 minutes, and then remix prior to spraying, rolling or brushing
- Do not pond product during application
- Flush pump and hose with xylene

- **Always use protective clothing and respirators. See MSDS for details.**